

SERVICE INSTALLATION CHECKLIST

Unless otherwise noted, all code references are to 49CFR Part 192.

If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

Operator: AMEREN ILLINOIS COMPANY	Operator ID#: 32513
Inspection Date(s): 10/6/2015, 10/7/2015, 10/8/2015	Man Days: 3
Inspection Unit: Tuscola	
Location of Audit: Tuscola	
Exit Meeting Contact: Kevin Glaspy	
Inspection Type: Design Testing and Construction	
Pipeline Safety Representative(s): Donald Hankins	
Company Representative to Receive Report: Michael Fuller	
Company Representative's Email Address: mfuller2@ameren.com	

CONSTRUCTION INFORMATION		
Location of Construction: 601 South Church Street, Homer, Illinois	Construction Performed By: Ameren Illinois gas crew	
Contractor Foreman:	No contractors at this job.	
Operator Inspector:	Kevin Glaspy, Quality Assurance	
Person(s) On Job Site		
Dick Laley	Steve Quinn	Greg Bare
Description of Construction: Ameren Illinois crew was installing a new gas service line into 601 South Church Street in Homer, Illinois. The service line was a 1/2 inch plastic service line connecting to a 2 inch steel gas main. The service line was Driscoplex pipe and air test to 100pounds for 10 minutes with no leaks being found during this audit.		

SERVICE INSTALLATION		Status
[192.55]	Steel	Yes
<u>General Comment:</u> <i>The gas main was 2 inch steel pipe with a Mueller 3/4 inch by 1 inch Auto Perf tapping tee, welded to the gas main.</i>		
[192.59]	PE	Yes
<u>General Comment:</u> <i>The service line was 1/2 inch Driscoplex gas pipe.</i>		

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[192.59]	Other	No
[192.619,192.621,192.623]	MAOP	60# MAOP
[192.5]	Class location :	Class 3
[192.53]	Are components qualified for use?	Satisfactory
<u>General Comment:</u> <i>The pipe and all fittings were properly marked for use on this job.</i>		
[192.63(a)(2)]	Pipe Size :	1/2 inch
[192.55,192.59]	Specification :	ASTM D-2513
[192.55,192.59]	Manufacturer :	Driscoplex
[192.55,192.59]	Pipe Grade :	PE 2406/2708
[192.55,192.59]	Wall Thickness :	.090 wall
[192.63]	Are pipe, valves, and fittings properly marked for identification?	Satisfactory
<u>General Comment:</u> <i>The pipe and all the fittings were properly marked.</i>		
[192.227]	Welder qualification date:	8-25-15
[192.227]	Welder's Name:	Dick Laley
[192.225,192.275,192.277,192.279,192.283]	Is pipe joined in accordance with approved written procedures?	Satisfactory
<u>General Comment:</u> <i>The tapping tee and service line was installed according to O&M procedures.</i>		
[192.285]	Date of Qualification :	2-25-15
[192.285]	Joiner's name:	Steve Quinn
[192.455]	Is buried metallic pipe coated?	Satisfactory
<u>General Comment:</u> <i>The tapping tee, and gas main was coated and hot wrapped after installation.</i>		
[192.455(a)(1)]	Is cathodic protection being provided?	Satisfactory
<u>General Comment:</u> <i>Cathodic protection was being protected with a cathodic reading off the gas main being -1.21.</i>		
[192.455(a)(1)]	Is cathodic protection being provided? By Anodes:	Yes
<u>General Comment:</u> <i>Cathodic protection was being provided by anodes.</i>		
[192.455(a)(1)]	Is cathodic protection being provided? By Rectifier:	No

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<u>General Comment:</u>		
<i>Cathodic protection was being provided by anodes.</i>		
[192.461]	Does coating meet 192.461?	Satisfactory
<u>General Comment:</u>		
<i>The gas main and tapping tee was coated, and then hot wrapped.</i>		
[192.461(c)]	Is coating inspected just prior to being installed in the ditch?	Satisfactory
<u>General Comment:</u>		
<i>Dirt was installed around the gas main and tapping tee by shovel before back-filling was done.</i>		
[192.479]	Are above ground facilities cleaned and coated or jacketed as needed?	Satisfactory
<u>General Comment:</u>		
<i>The above ground piping at the anode less riser was clean and coated.</i>		
[192.467]	Are pipelines electrically isolated from other underground metallic structures?	Not Applicable
<u>General Comment:</u>		
<i>No other metallic structures are in the area of the gas main.</i>		
[192.319]	Is ditch back-filled to provide firm support and prevent damage to pipe or coating?	Satisfactory
<u>General Comment:</u>		
<i>Dirt was placed over the service line before back-filling was done.</i>		
[192.321(c)]	Is plastic pipe installed as to minimize shear and tensile forces?	Satisfactory
<u>General Comment:</u>		
<i>A protective sleeve was installed where the service line connected to the tapping tee to provide protection from damage to the pipe.</i>		
[192.321]	Does plastic pipe have means of locating while underground?	Satisfactory
<u>General Comment:</u>		
<i>Tracer wire was connected to the gas main and then installed in the ditch to provide locating means.</i>		
[192.325]	Are required clearances from underground structures being maintained?	Not Applicable
<u>General Comment:</u>		
<i>No other underground structures are in the area of the service line.</i>		
[192.327(a)]	Is required cover being obtained for the service line?	Satisfactory
<u>General Comment:</u>		
<i>Required cover depth was maintained during the installation of the service line.</i>		

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[192.503]	Are general testing requirements being met?	Satisfactory
<u>General Comment:</u> <i>The new service line and the tapping tee was air tested to 100 pounds for 10 minutes, with no leaks being found.</i>		
[192.517]	Are records being made of strength and leak tests?	Satisfactory
<u>General Comment:</u> <i>An Ameren crew leader maintained strength and leak test records of this service line.</i>		
[192.807]	Were covered employees Operator Qualification records reviewed to ensure qualification?	Satisfactory
<u>General Comment:</u> <i>Employee's operator qualification records were inspected before this audit was conducted.</i>		
[192.805(c)]	Were non-qualified personnel being directed and observed by a qualified individual?	Not Applicable
<u>General Comment:</u> <i>No non-qualified employees were on this job.</i>		
[192.805(c)]	Were span of control limitations being followed?	Not Applicable
<u>General Comment:</u> <i>No non-qualified employees were on this job.</i>		
Was a Protocol 9 (Form 15) Completed?		No
<u>General Comment:</u> <i>A protocol 9 form was not completed during this audit.</i>		
[192.614]	Were One Call Notifications performed as required?	Satisfactory
<u>General Comment:</u> <i>Ameren Illinois gas crew had a Julie one call notification at the job site.</i>		
[192.614]	Dig Ticket #	A002680902
[192.383(b)]	Is an EFV installed on any new or replaced service line serving a single-family residence?	Satisfactory
<u>General Comment:</u> <i>An EFV valve was installed at the service line connection at the tapping tee.</i>		
[192.751]	Are adequate steps taken to minimize the potential for accidental ignition?	Satisfactory
<u>General Comment:</u> <i>Ameren Illinois took precautions to prevent accidental ignition.</i>		

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